

2022 SHOW-ME

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Packet 14

1. **This thinker may have created the stereotype of overbearing Jewish mothers after visiting Eastern European *shtetls*. This thinker contrasted the peaceful Arapesh and warlike Mundugumor peoples in a book that examines the “primping” of Tchambuli men. Derek Freeman refuted this thinker’s “Fateful (*) Hoaxing” that the taupou system only applied to nobles. Films of women holding kris daggers to their chests and dancing in Bali were recorded by Gregory Bateson and this student of Franz Boas, who observed relaxed sexual norms amongst adolescent girls on the island of Ta’u. For 10 points, name this anthropologist who wrote *Coming of Age in Samoa*.**

ANSWER: Margaret **Mead** [accept *The Fateful Hoaxing of the Margaret Mead*]

<Social Science — Ganon Evans> [Ed. Ganon Evans]

1. This composer’s 12 Fantasias for Viola da Gamba Solo were considered lost until 2015. For 10 points each: [H] Name this baroque composer. George Handel was one of the many subscribers who helped pay for this composer’s *Tafelmusik*.

ANSWER: Georg Philipp **Telemann**

[E] In addition to his fantasias for viola da gamba, Telemann also wrote 12 Fantasias for this solo instrument, Baroque players of which include King Frederick the Great. The piccolo is a smaller relative of this woodwind.

ANSWER: **flute**

[M] King Frederick’s works for the flute include over 100 of these pieces that consist of an exposition, development, and recapitulation. J.S. Bach combined these pieces with partitas in a work for solo violin.

ANSWER: **sonatas**

<Auditory Fine Arts — Joy An> [Ed. Ganon Evans]

2. **This country thanked Rutherford B. Hayes for negotiating its borders by naming a state after him. Jesuit missionaries were based in this country’s capital, which was named for a feast day of Mary. The world’s largest water aquifer resides primarily beneath this country and is named for its Guarani people. This country’s rural western half is part of the (*) Chaco. This country is on the western side of the Paraná River whose Itaipu Dam it shares with Brazil. Along with Bolivia, this country is the only landlocked nation in South America, and it lies north of Argentina. For 10 points, name this country whose capital is Asunción.**

ANSWER: **Paraguay**

<Geography — Ganon Evans> [Ed.]

2. Scholars debate whether Cecily de Chaumpaigne's release of this author from "raptus" means he committed abduction, sexual assault, or another crime. For 10 points each:

[E] Name this Middle English author of *The Canterbury Tales*.

ANSWER: Geoffrey **Chaucer**

[M] In this story from the Canterbury Tales, Guinevere punishes a knight who assaulted a maiden by giving him the challenge to find "what women desire most."

ANSWER: "The **Wife of Bath**'s Tale"

[H] Pandarus attempts to force a prince into bed with Calchas' daughter in a Chaucer work titled for these two people. These two Trojans title a problem play by Shakespeare.

ANSWER: **Troilus** AND **Cressida** [accept **Criseyde** for Cressida]

<Mixed Literature — Ganon Evans> [Ed.]

3. **Prime ministers of an empire in this modern-day country were given the title "peshwa." An empire that once presided in this country was conquered by the nomadic Hephthalites who were also known as the "White Huns." A ruler in this country allegedly killed 99 of his siblings to secure the throne and place Lion Capitals on top of massive (*) rock inscriptions.** The founder of an empire in this country clashed with Seleucus I and was advised by the polymath Chanakya. A ruler from this country later converted to Buddhism after the bloody Kalinga War. For 10 points, name this modern-day country once ruled by Chandragupta Maurya and Ashoka the Great.

ANSWER: **India** [accept **Bharat**; the 2nd line "ancient text" is referring to the Rigveda]

<World History — Yash Mandavia>

3. VEGF inhibitors can be used to lessen the effects of the "wet" form of this disease. For 10 points:

[H] Name this eye disease that results in a loss of central vision. Drusen buildups cause the "dry" form of this disease.

ANSWER: age-related **macular degeneration** [or **AMD**]

[M] Drusen builds up behind the pigmented layer of this part of the eye. This layer of tissue is home to photoreceptor cells like rods and cones.

ANSWER: **retina**

[E] Another common cause of vision loss is cataracts, which occur when this structure is cloudy. This transparent structure focuses light onto the retina.

ANSWER: **lens**

<Biology — Joy An> [Ed.]

4. **While shooting mice, a character in this novel wakes Hungry Joe before diving into a trench. A character in this novel sits naked in a tree at the funeral of a man who repeated "I'm cold" after being shot. In this novel, a character censoring letters signs them "Washington Irving" while under Doc Daneeka's care.**

Chocolate-covered cotton is sold by (*) M&M Enterprises in this novel, in which an IBM machine promotes a man to Major Major Major Major. A character in this novel feigns insanity to get out of bombing raids but is unable due to the title paradox. For 10 points, name this WWII novel featuring Yossarian, by Joseph Heller?

ANSWER: **Catch-22**

<Long Fiction — Andrew Gao> [Ed. Ganon Evans]

4. A mural in Barcelona shows numerous dancing red figures to the left of Spanish words translating to “Together We Can Stop [this disease].” For ten points each,

[M] Name this disease which took the life of Keith Haring before he was able to complete a purposefully unfinished self-portrait.

ANSWER: **AIDS** [accept Todos Juntos Podemos Parar el **SIDA**; prompt on **HIV**]

[H] The largest piece of folk art ever created was one of these artworks to recognize AIDS victims in 1985. Faith Ringgold creates “story” examples of these artworks.

ANSWER: **quilts** [accept story **quilts**; accept the AIDS **quilt**]

[E] Haring created artworks in this artistic medium, in which images are spray painted onto urban walls.

ANSWER: **graffiti** [accept **street art**]

<Visual Arts — Austin Guo> [Ed. Gabe Forrest]

5. **Though it’s not damage, the “stress” of this process can be alleviated by ATM and ATR kinases. This process is initiated at “ori” sites. During this process, topo•isomerase helps relieve torsional strain. RNA primers serve as starting points for the formation of Okazaki fragments in this process that sees them later reannealed by a (*) ligase.** This semiconservative process occurs during the S-phase of mitosis and includes the formation of a namesake “fork.” Leading and lagging strands are present during this process. For 10 points, DNA polymerase is involved in what process in which new DNA strands are created?

ANSWER: DNA **replication** [accept **DNA synthesis**]

<Biology — Kevin Thomas> [Ed.]

5. Louise Michel earned the moniker the “Red Virgin of Montmartre” for slowing Patrice MacMahon’s toppling of this government. For 10 points each:

[H] Name this anarchist state which revolted after Adolphe Thiers dissolved the National Guard to appease Prussian army commands. This government lost control during the Bloody Week.

ANSWER: **Paris Commune** [accept **Commune** of **Paris**; do not accept or prompt on “French Commune” or “Commune of France”]

[E] The Paris Commune arose from the 1870 Prussian Siege of Paris, which was led by this Hohenzollern king. Otto von Bismarck crowned this man as the first Kaiser of a united Germany.

ANSWER: **Wilhelm I** [accept **William I**; prompt on **Wilhelm** or **William**]

[M] Due to the siege, mail could only leave via this method of transportation. Léon Gambetta escaped the Commune in one of these items called *Armand-Barbès* so he could become the provisional government’s War Minister.

ANSWER: hot-air **balloon**

<European History — Ganon Evans> [Ed.]

6. **It’s not by Gainsborough, but this painting’s central subject wears Dutch wax cotton and appears decapitated in an installation titled for being “After” its artist, by Yinka Shonibare. This painting depicts a woman wearing a shepherdess hat and a statue inspired by Etienne Falconet topping a column on its left side. A barking white dog appears in front of a shadowy man originally drawn as a priest (*) pulling ropes in this painting. A putto places a finger to his lips in this painting as a shoe flies over a bush containing a hidden lover.** For 10 points, name this Rococo painting by Jean-Honoré Fragonard of a woman on a backyard toy.

ANSWER: *The **Swing*** [or ***L’Escarpolette***; or *The Happy Accidents of the **Swing***]

<Visual Fine Arts — Ganon Evans> [Ed. Gabe Forrest]

6. Alex Trebek tells his therapist that his favorite word is “moist” in this author’s short story “Little Expressionless Animals.” For 10 points each:

[M] James Incandenza creates the title film, which is so entertaining that its viewers would rather die than stop watching it, in what author’s novel *Infinite Jest*?

ANSWER: David Foster **Wallace**

[H] In *Infinite Jest*, John “No Relation” Wayne is the top-ranked player at the Enfield Academy for this sport. Wallace wrote an essay that described watching a player of this sport as a “religious experience.”

ANSWER: **tennis** (The essay is “Roger Federer as Religious Experience”)

[E] Wallace wrote two stories titled for how this figure “is a Busy Man.” A farmer sells his soul to this demonic being in a Stephen Vincent Benét story titled [this figure] “and Daniel Webster.”

ANSWER: the **devil** [or **Satan** or **Lucifer**; accept “The **Devil** is a Busy Man” or “The **Devil** and Daniel Webster”]
<Mixed Literature — Rachel Ezrielev> [Ed. Joel Miles]

7. In his national team debut, this player received a red card just seconds after being substituted in a friendly match against Hungary. This player formed the highest scoring trio with Neymar and Luis Suárez, and in November 2020 was fined 780 euros after taking his shirt off after scoring to honor his recently deceased coach Diego (*) Maradona. This player holds the record for most goals in a calendar year at 91. This seven-time FIFA Ballon d’Or winner has a notorious rivalry with Cristiano Ronaldo. For 10 points, name this Argentinian soccer player who transferred to Paris Saint-Germain after spending most of his career at F.C. Barcelona.

ANSWER: Lionel **Messi**

<Pop Culture — Yash Mandavia> [Ed. Ganon Evans]

7. This color’s association with hunger has resulted in heavy use by fast food companies like McDonald’s and KFC. For 10 points each:

[E] Athletes wearing clothes of what color have been cited as winning more due to its association with aggressiveness and dominance?

ANSWER: **red**

[H] In contrast, this color has been associated with calmness and reduced aggressiveness. The Baker-Miller shade of this color has been cited as potentially reducing violence in prisons.

ANSWER: **pink**

[M] This psychologist promoted the role of color in psychology. This psychologist also referred to “meaningful coincidences” as “synchronicity”, and analyzed archetypes like the shadow, anima, and animus.

ANSWER: Carl (Gustav) **Jung**

<Social Science — Connor Lee> [Ed. June Yin]

8. A rule this scientist names with Merle Randall relates the fugacity of a real gas to the mole fraction of each species in a mixture. This scientist’s jealousy of Irving Langmuir was proposed as a reason for suicide after he was founded dead in a hydrogen cyanide lab at Berkeley. This scientist named the photon. Boron trifluoride and other (*) electron-pair acceptors are classified as acids in this scientist’s system. A diagram named for this scientist places valence electrons around the chemical symbol of an element. For 10 points, name this American chemist who visualized bonds between atoms with his namesake “dot structures.”

ANSWER: Gilbert **Lewis** [accept **Lewis** dot structure]

<Chemistry — Tanay Bodducherla> [Ed.]

8. This general's namesake administrative code gave British people higher status in India than native inhabitants. For 10 points each:

[M] Name this Governor-General of India, who had earlier surrendered to George Washington at Yorktown.

ANSWER: Charles **Cornwallis** [accept **Cornwallis** Code]

[E] The Cornwallis Code governed this joint-stock company that colonized India prior to direct British rule.

ANSWER: British **East India** Company

[H] Cornwallis' troops faced an innovative iron-cased type of these weapons while fighting the kingdom of Mysore, which was later improved upon by William Congreve.

ANSWER: **rockets** [accept Mysorean or Congreve **rockets**; prompt on "missiles" or anything indicating a launched projectile]

<European History — June Yin> [Ed. Louis Li]

9. **This poet "disappeared in the dead of winter" according to a poem memorializing him that states "Poetry makes nothing happen." This poet compares "God's holy fire" to "the gold mosaic of a wall" in one poem. The speaker of a poem by this poet dreams of "A drunken, vainglorious lout" and claims that "All has changed, changed utterly." This poet, who repeatedly states "A (*) terrible beauty is born" in that poem, wrote "an aged man is but a paltry thing" in another poem that begins "That is no country for old men." For 10 points, name this Irish poet of "Easter, 1916" and "Sailing to Byzantium."**

ANSWER: William Butler **Yeats** [or W.B. **Yeats**]

<Poetry — Neal Joshi> [Ed. Joel Miles]

9. After containers of Legos fell overboard off of Land's End, these things carried them to a Cornish beach. For 10 points each:

[E] Name these large flows of ocean water that include Kuroshio and Canary examples. The flow rate of these things is measured in sverdrups.

ANSWER: ocean **currents**

[M] Ocean currents bend to the right in the northern hemisphere due to this effect. Hurricanes in different hemispheres rotate in different directions because of this effect.

ANSWER: **Coriolis** effect [or **Coriolis** force]

[H] While surface currents are driven by wind, deep-sea currents are driven by differences in these two quantities that determine the density of seawater.

ANSWER: **temperature** and **salinity** [accept in either order; accept **thermohaline** circulation; accept **salt** concentration in place of "salinity"]

<Earth Science — Vik Wei>

10. **This state's all-Black settlement of Nicodemus was settled in 1877 by Exodusters. William Quantrill's pro-slavery bushwhackers destroyed the Free State Hotel in this state. William Allen White denounced populism in an editorial titled "What's the Matter with [this state]?" Skirmishes between Free-Staters and Border Ruffians in this state culminated in the (*) Pottawatomie massacre led by John Brown. A bill named for this state and its northern neighbor repealed the Missouri Compromise in favor of "popular sovereignty," leading to this state's "Bleeding" period. For 10 points, name this state which appears in an 1854 act before Nebraska.**

ANSWER: **Kansas** [accept **Kansas**-Nebraska Act]

<American History — Ganon Evans> [Ed. Louis Li]

10. Drug-shaped vinyl appliques and a shark in formaldehyde appear in a Damien Hirst hotel room near this location. For 10 points each:

[M] Name this location where magician David Copperfield puts on a show at a hotel in the town of Paradise.

ANSWER: the **Strip** [accept, but do NOT otherwise reveal the Las Vegas **Strip**; prompt on, but do NOT otherwise reveal Las Vegas]

[E] Betty Willis designed a “Welcome to Fabulous [this city]” sign at the southern end of the Strip, which is located in this Nevada city.

ANSWER: **Las Vegas** [prompt on Vegas alone]

[H] Italy’s Lake Como may have inspired an artificial lake outside this hotel and casino on this Strip, which contains a giant musical fountain. Dale Chihuly’s largest glass sculpture, Fiori di Como, is in this hotel.

ANSWER: **Bellagio**

<Geography — Andrew Gao> [Ed. Ganon Evans]

11. **A character in this play describes taking drugs like “a bank of fog in which she hides and loses herself...to forget we’re alive.” A character is told he has “the makings of a poet...that morbid craziness” in this play and is later diagnosed by Dr. Hardy. A character in this play awkwardly plays the piano and fetches her old (*) wedding dress from the attic in a morphine binge. The failed James discusses playing Othello in this play, whose other characters include the morphine addict Mary and the tuberculosis stricken Edmund, all members of a dysfunctional family. For 10 points, name this play about the Tyrone family by Eugene O’Neill.**

ANSWER: ***Long Day’s Journey Into Night***

<Drama — Joy An> [Ed. Ganon Evans]

11. One loser of an election in this country secretly appointed themselves as acting minister of five minister positions. For 10 points each,

[H] Name this country where a “teal wave” unseated an incumbent prime minister in May 2022. That election here resulted in a crossbench of 16 seats.

ANSWER: **Australia** [or Commonwealth of **Australia**]

[M] With help of teal independents, Anthony Albanese unseated this former prime minister of Australia in the 2022 elections.

ANSWER: Scott **Morrison** [accept **Scotty from Marketing** or **ScoMo**]

[E] Teal independents are characterized as liberals who follow green politics, which advocates for the protection of this thing. Decreasing carbon emissions are one way Australian fossil fuel companies can help protect this thing.

ANSWER: the **environment** [accept **Earth** and equivalents]

<Current Events – Vincent Wang> [Ed. Connor Lee]

12. **In a photo by this artist, two men walk past a billboard of a man in a recliner chair. Paul Taylor produced captions for this artist’s book *An American Exodus*, which includes a photo of a long New Mexico road. After Ansel Adams, this artist visited Manzanar to take gritty photos of children taking the Pledge of Allegiance. An old man leans against a wood fence in this photographer’s (*) *White Angel Breadline*. While working for the Farm Security Administration, this artist photographed pea picker Florence Owens Thompson gazing into the distance as her children cling to her. For 10 points, name this photographer of *Migrant Mother*.**

ANSWER: Dorothea **Lange**

<Other Fine Arts — Ganon Evans> [Ed.]

12. Angels called Havaza defend mumins in this location's section of Illiyyun. For 10 points each:

[H] Name this location home to large-eyed beings called houris. A lote tree called the Sidrat al-Muntaha marks the upper boundary of this location, which is the opposite of Jahannam.

ANSWER: **Jannah** [or **Jannat**; accept **heaven**; prompt on the **afterlife**; prompt on **paradise**; prompt on the **garden**]

[M] Illiyyun is exclusively for messengers, prophets, martyrs, and these people. Shi'a scholars believe twelve of these people succeeded Muhammad, though more generally they are leaders of prayer in a mosque.

ANSWER: **imams** [accept the Twelve **Imams**]

[E] Islamic scholars disagree on whether these beings can fully enjoy Jannah or if they are relegated to being servants. These beings made of smokeless fire can be trapped in talismans like a lamp.

ANSWER: **jinn** [or **djinn**; accept **genies**]

<Ganon Evans — Religion> [Ed.]

13. A figure in this text advocates a “strong axe of non-clinging” to relinquish human action from a tree's roots. Barbarik witnessed this text's central action from a hill. Purity, passion, and ignorance are the three gunas that appear in this text. During the Trinity Nuclear Test, Robert Oppenheimer recited this text's quote of “I Am Become Death, The Destroyer of Worlds.” This central text of the (*) Hare Krishna movement depicts a charioteer teaching a prince about jnana and karma as they ride to fight for the Pandavas in the Kurukshetra War.

For 10 points, name this dialogue between Arjuna and Krishna within the *Mahabharata*.

ANSWER: **Bhagavad Gita** [prompt on the **Gita**; prompt on the **Mahabharata** before mention with “What part?”]

<Mythology — Ganon Evans> [Ed.]

13. Name these politicians who appeared atop tanks, for 10 points each:

[E] The first president of this country, Boris Yeltsin, gave a speech atop a tank during the failed August coup. This modern-day country was created after the dissolution of the Soviet Union.

ANSWER: **Russian** Federation

[M] This politician was pictured with a scarf and goggles riding a tank in West Germany for their re-election campaign. The HMS *Sheffield* was sunk in a war this politician presided over against Argentina.

ANSWER: Margaret (Hilda) **Thatcher**

[H] This politician was criticized for a stunt in which he rode an M1 Abrams tank with an oversized helmet. This Massachusetts politician was attacked for giving “weekend passes” to criminals in the “Willie Horton” ads.

ANSWER: Michael Stanley **Dukakis** [DOO-kah-kiss]

<Other History — Andrew Gao> [Ed. Louis Li]

14. An equation for the frequency of this phenomenon multiplies the rate of star formation by a series of probabilities and time. This phenomenon may be purposefully spread through directed panspermia. This phenomenon is searched for by the Breakthrough Listen project and other projects operated by SETI. A hypothetical “great (*) filter” may prevent the development of this phenomenon, whose frequency is estimated by the Drake equation. The Fermi paradox asks why this phenomenon appears to be rare. For 10 points, name this phenomenon that is only known to exist on Earth, but may also exist on other habitable planets.

ANSWER: **life** [or living **organisms**; accept **civilization**; accept **aliens**; accept **extraterrestrials** or **extraterrestrial life** or **ETs**]

<Astronomy — Ganon Evans> [Ed.]

14. The narrator and Luo meet the title Little Seamstress and recount films to a village while being reeducated in a novel titled for this author by Dai Sijie. For 10 points each:

[M] Name this author, who wrote *The Wild Ass's Skin* and created the character of Eugénie Grandet in *The Human Comedy*.

ANSWER: Honoré de **Balzac**

[H] In *Balzac and the Little Chinese Seamstress*, a person with this relation to Luo brags about cleaning worms out of Mao's teeth. In a Balzac work about a person of this relation, Eugène attends a funeral for a vermicelli-maker.

ANSWER: **father** [accept **dad** or equivalents; prompt on **parent**; accept **Father** Goriot or Le **Père** Goriot]

[E] Luo also recounts this novel to the tailor. Edmond Dantès escapes from prison, discovers treasure, and takes revenge after being framed in this novel by Alexandre Dumas.

ANSWER: *The **Count of Monte Cristo*** [or *Le **Comte de Monte-Cristo***]

<Long Fiction — Rachel Ezrielev> [Ed. Ganon Evans]

15. A Timothy Winegard history of this animal describes how it annihilated Scottish settlers in the Darien Scheme. A region named for these animals was home to the Poyais Scheme and was a British-dominated area of Nicaragua. The Greeks nicknamed these animals “General Anopheles” for how well they killed Persians. Research by Ronald Ross led to (*) nets and sleeping bags as a protectant against these animals. Sickle cell natural selection occurred among African ethnic groups because of a disease spread by these animals, which kill more people per year than any other. Malaria is carried by, for 10 points, what blood-sucking insects?

ANSWER: **mosquitos** [accept **Mosquito** Coast]

<World History — Ganon Evans> [Ed.]

15. A “copper-free” version of this branch of chemistry is termed “bioorthogonal” as it avoids being toxic to cells. For 10 points each:

[H] Name this branch of chemistry that generates products through simple reactions involving a biomolecule and a reporter molecule. It is named for a sound.

ANSWER: **click** chemistry

[M] Researchers have discovered that triazoles can act similarly to azides in click chemistry due to the presence of this element. Amines contain a lone pair and an atom of this element.

ANSWER: **nitrogen** [or **N**]

[E] Another application of click chemistry is the effective marking of these polymers that interact with small molecules such as drugs. Amino acids are bonded together with peptide bonds in these molecules.

ANSWER: **proteins** [accept **polypeptides**]

<Chemistry — Aatreya Bhattacharyya> [Ed. Ganon Evans]

16. A 9,500-year-old grave for one of these non-human animals was found on Cyprus in 2004. One of these animals served as mayor of the Alaskan town Talkeetna from 1997 to 2017. X-chromosome inactivation gives some of these animals a distinctive tri-color coat. One of these animals named Freya briefly served in a U.K. government position after another of these animals named (*) Larry was sacked for laziness. These animals are supposedly attracted by the noise “pspsps,” and have a righting reflex that allows them to almost always land on their feet. For 10 points, name these household animals, breeds of which include Persian and Siamese.

ANSWER: house**cats** [accept **kittens**; accept scientific words such as **kitties**]

<Other — Joy An>

16. In 2022, Raven Chacon became the first Native American to win the Pulitzer Prize for Music, with a piece titled for being *without* this instrument. For 10 points each:

[H] What instrument is used to perform Clara Ward's "How I Got Over"? Kirk Franklin has won 16 Grammy awards for works featuring this instrument.

ANSWER: human **voices** [accept **Voiceless Mass**; accept **throats**]

[E] Chacon's piece was a "Voiceless" example of these musical works that set Christian liturgy to music.

ANSWER: **masses** [accept Voiceless **Mass**]

[M] In 1996, George Walker became the first Black winner of the Pulitzer with a church-inspired setting of "When Lilacs Last in the Dooryard Bloom'd," a poem also set to music by this composer's Ode to Death. This man wrote a piece subtitled "The Bringer of Old Age."

ANSWER: Gustav **Holst**

<Other Fine Arts — Rachel Ezrielev>

17. **In a novel from this country, the dead title character reminisces about Susana as a ghost in the town of Comala. Recipes begin each chapter of a book set in this country about Tita cooking to deal with her anxiety. *Pedro Páramo* and *Like Water for Chocolate* are novels set in this country, as is another in which a newspaper tycoon leaves his fortune to a housekeeper in a hidden will. In a novel from this country, (*) Tomás Arroyo kills a mysterious author based on Ambrose Bierce's disappearance. *The Death of Artemio Cruz* is a novel set in, for 10 points, what home country of Carlos Fuentes, who wrote about Pancho Villa in *The Old Gringo*?**

ANSWER: **Mexico** [or United **Mexican** States or Eatados Unidos **Mexicanos**]

<Long Fiction — Ganon Evans> [Ed. Joel Miles]

17. The target of a failed attempt to perform this action had to wear a bulletproof trench coat due to one of them 17 days earlier. For 10 points each:

[H] Describe this action attempted by Squeaky Fromme, a member of the Manson family who targeted a person speaking at the Host Breakfast.

ANSWER: attempting to **assassinate** Gerald **Ford** [accept synonyms like **kill** in place of **assassinate**; accept Gerald Rudolph **Ford** Jr. or Leslie Lynch **King** Jr. in place of "Gerald Ford"; prompt on an attempt to **assassinate** or synonyms with "Who was the target of that?"]

[M] Fromme tried to kill Ford after his speech at the Host Breakfast in this city, where he met with Governor Jerry Brown. Earl Warren, who investigated JFK's assassination, served as governor from this state capital.

ANSWER: **Sacramento**, California

[E] Fromme was motivated by this agency's study of smog in California, which endangered its redwood trees. This agency formed by Richard Nixon is tasked with reducing pollution.

ANSWER: **EPA** [or **Environmental Protection Agency**]

<American History — Andrew Gao> Ed. Louis Li]

18. **In a ballet by this composer, syncopated woodwinds play the phrase "B, C, A, B, C-A," the last notes of which are picked up by tubas. A bassoon solo features in a berceuse before the finale of that piece by this composer, which switches from 3/2 to 7/4 time. An egg containing Koschei's soul is destroyed by Prince Ivan in a ballet by this composer with an (*) "Infernal Dance." Another ballet by this composer written for Sergei Diaghilev's Ballets Russes company ends with the notes "D-E-A-D" in a section where a girl dances to death in a ballet. A riot occurred at the Paris premiere of a ballet by, for 10 points, what composer of *The Firebird* and *The Rite of Spring*?**

ANSWER: Igor **Stravinsky** [or Igor Fyodorovich **Stravinsky**]

<Auditory Fine Arts — Andrew Gao> [Ed. Ganon Evans]

18. Regardless of whether the variables are independent, this operator is always linear. For 10 points each:
[H] Name this operator, which returns the integral of x times f of x for a probability distribution. When rolling a fair die, this value is 3.5.

ANSWER: **expectation** operator [or **expected** value; accept **first moment**; prompt on **average** or **center**]

[E] The expected value is calculated for variables of this type, which represent uncertainty or chance. Variables of this type include the flip or a coin or the roll of a die.

ANSWER: **random** variables [accept **stochastic** or **aleatory** variables; accept pseudo**random** variables]

[M] This law predicts that the expected value will converge to the arithmetic mean as the number of samples increases.

ANSWER: law of **large numbers**

<Math — Vincent Wang> [Ed. Joy An]

19. **This phenomenon disappears with “which-path” information in the delayed-choice quantum eraser experiment. Concentric rings caused by this phenomenon are named after Issac Newton. A device named after this phenomenon used a beam splitter to disprove the existence of luminiferous aether. Along with diffraction, a pattern caused by this phenomenon is visible in (*)** Young's double-slit experiment. The constructive and destructive types of this phenomenon result from coherent and correlated waves. For 10 points, name this phenomenon in which two waves combine.

ANSWER: **interference** [prompt on “superposition”; accept Michelson-Morley **interferometer**]

<Physics — Vincent Wang> [Ed.]

19. In 1742, Lewis Theobald was replaced by Colley Cibber as this poem's hero after Cibber insulted the author's writing. For 10 points each:

[H] Name this Alexander Pope poem that follows the goddess Dulness and her agents as they bring decay, imbecility, and tastelessness to Great Britain.

ANSWER: *The **Dunciad***

[M] In this mock-epic by Pope, a goddess fills a vial “with fainting fears, / Soft sorrows, melting griefs, and flowing tears” before a Baron does the title action to Belinda.

ANSWER: *The **Rape of The Lock***

[E] According to *The Oxford Dictionary of Quotations*, Alexander Pope is the second most quoted author, only trailing this Elizabethan playwright who asked “Shall I compare thee to a summer's day?” in one of his 154 sonnets.

ANSWER: William **Shakespeare**

<Poetry — Rachel Ezrielev> [Ed. Joel Miles]

20. **During a massacre by this country's army, Nazi party member John Rabe set up a “Safety Zone” to protect civilians. The U.S. refused to prosecute scientists from this country's Unit 731 in exchange for its data from testing biological weapons on live prisoners. This country invaded its neighbor under the pretext of the Marco (*)** Polo Bridge Incident. This country's army employed thousands of “comfort women” who were forced into sexual slavery; its army also killed around 200,000 civilians during the “Rape of Nanjing.” For 10 points, name this country that committed many war crimes under Emperor Hirohito.

ANSWER: **Japan** [or **Nihon**-koku; or **Nippon**-koku; or Empire of **Japan**; or Dai **Nippon** Teikoku; or **Japanese** Empire]

<World History — June Yin> [Ed. Ganon Evans]

20. This deity collected Onini the Python, Osebo the Leopard, and the Mmboro hornets for his father Nyame [nee-YAH-may] in exchange for all the world's stories. For 10 points each:

[M] Name this West African trickster who often appears in the form of a spider.

ANSWER: **Anansi**

[H] Anansi inspired stories of this American trickster who is covered in pitch, then thrown into a briar patch. This trickster and a similarly named fox and wolf appear in a Joel Chandler Harris collection titled for Uncle Remus.

ANSWER: **Br'er Rabbit** [prompt on rabbit alone]

[E] The Native American trickster Coyote had his tail turn white as punishment for performing this action. Zeus punished Prometheus after he performed this action and gave its central phenomenon to humanity.

ANSWER: **stealing fire** [accept obvious equivalents such as the **theft** of **fire**]

<Mythology — Ganon Evans> [Ed.]